

# Compactness Analysis Report

12/10/2011

Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

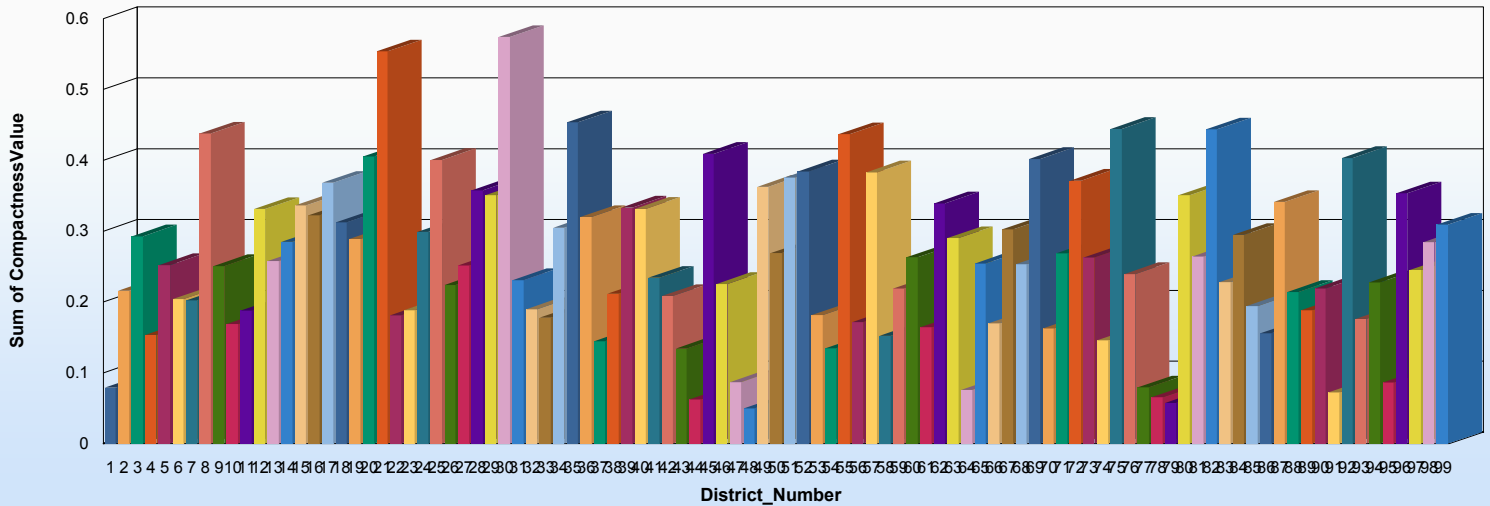
Plan Last Edited on: 12/10/2011 1:32:33 PM

**Confidential**

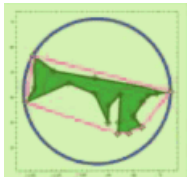
2

## Compactness Measure:

Circularity Ratio - Ratio of the area of the District to the area of a circle (the most compact shape) having the same perimeter. That ratio is expressed as  $M = 4\pi(\text{area}) / (\text{perimeter})^2$ . For a circle, the ratio is one. This



District:	1	Compactness Value:	0.08	As Percent:	7.9%
District:	2	Compactness Value:	0.22	As Percent:	21.6%
District:	3	Compactness Value:	0.29	As Percent:	29.3%
District:	4	Compactness Value:	0.15	As Percent:	15.4%
District:	5	Compactness Value:	0.25	As Percent:	25.2%
District:	6	Compactness Value:	0.20	As Percent:	20.4%
District:	7	Compactness Value:	0.20	As Percent:	20.2%
District:	8	Compactness Value:	0.44	As Percent:	43.8%
District:	9	Compactness Value:	0.25	As Percent:	25.1%
District:	10	Compactness Value:	0.17	As Percent:	16.9%
District:	11	Compactness Value:	0.19	As Percent:	18.8%
District:	12	Compactness Value:	0.33	As Percent:	33.1%
District:	13	Compactness Value:	0.26	As Percent:	25.8%
District:	14	Compactness Value:	0.28	As Percent:	28.5%
District:	15	Compactness Value:	0.34	As Percent:	33.6%
District:	16	Compactness Value:	0.32	As Percent:	32.2%
District:	17	Compactness Value:	0.37	As Percent:	36.8%
District:	18	Compactness Value:	0.31	As Percent:	31.2%
District:	19	Compactness Value:	0.29	As Percent:	28.9%
District:	20	Compactness Value:	0.41	As Percent:	40.5%
District:	21	Compactness Value:	0.55	As Percent:	55.4%
District:	22	Compactness Value:	0.18	As Percent:	18.1%
District:	23	Compactness Value:	0.19	As Percent:	18.8%
District:	24	Compactness Value:	0.30	As Percent:	29.9%
District:	25	Compactness Value:	0.40	As Percent:	40.1%



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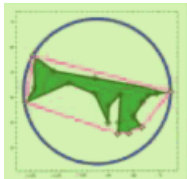
Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

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District:	26	Compactness Value:	0.22	As Percent:	22.4%
District:	27	Compactness Value:	0.25	As Percent:	25.2%
District:	28	Compactness Value:	0.36	As Percent:	35.8%
District:	29	Compactness Value:	0.35	As Percent:	35.1%
District:	30	Compactness Value:	0.57	As Percent:	57.4%
District:	31	Compactness Value:	0.23	As Percent:	23.1%
District:	32	Compactness Value:	0.19	As Percent:	19.0%
District:	33	Compactness Value:	0.18	As Percent:	17.8%
District:	34	Compactness Value:	0.30	As Percent:	30.5%
District:	35	Compactness Value:	0.45	As Percent:	45.4%
District:	36	Compactness Value:	0.32	As Percent:	32.0%
District:	37	Compactness Value:	0.14	As Percent:	14.5%
District:	38	Compactness Value:	0.21	As Percent:	21.2%
District:	39	Compactness Value:	0.33	As Percent:	33.3%
District:	40	Compactness Value:	0.33	As Percent:	33.1%
District:	41	Compactness Value:	0.23	As Percent:	23.4%
District:	42	Compactness Value:	0.21	As Percent:	20.8%
District:	43	Compactness Value:	0.13	As Percent:	13.4%
District:	44	Compactness Value:	0.06	As Percent:	6.2%
District:	45	Compactness Value:	0.41	As Percent:	40.9%
District:	46	Compactness Value:	0.23	As Percent:	22.6%
District:	47	Compactness Value:	0.09	As Percent:	8.7%
District:	48	Compactness Value:	0.05	As Percent:	5.0%
District:	49	Compactness Value:	0.36	As Percent:	36.3%
District:	50	Compactness Value:	0.27	As Percent:	26.9%
District:	51	Compactness Value:	0.38	As Percent:	37.5%
District:	52	Compactness Value:	0.38	As Percent:	38.4%
District:	53	Compactness Value:	0.18	As Percent:	18.1%
District:	54	Compactness Value:	0.13	As Percent:	13.4%
District:	55	Compactness Value:	0.44	As Percent:	43.7%
District:	56	Compactness Value:	0.17	As Percent:	17.2%
District:	57	Compactness Value:	0.38	As Percent:	38.3%
District:	58	Compactness Value:	0.15	As Percent:	15.2%
District:	59	Compactness Value:	0.22	As Percent:	21.9%
District:	60	Compactness Value:	0.26	As Percent:	26.3%
District:	61	Compactness Value:	0.16	As Percent:	16.4%
District:	62	Compactness Value:	0.34	As Percent:	33.9%
District:	63	Compactness Value:	0.29	As Percent:	29.0%
District:	64	Compactness Value:	0.08	As Percent:	7.6%
District:	65	Compactness Value:	0.25	As Percent:	25.4%
District:	66	Compactness Value:	0.17	As Percent:	17.0%
District:	67	Compactness Value:	0.30	As Percent:	30.3%
District:	68	Compactness Value:	0.25	As Percent:	25.3%
District:	69	Compactness Value:	0.40	As Percent:	40.2%



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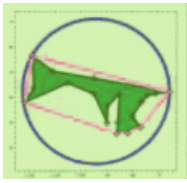
Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

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2

District: 70	Compactness Value: 0.16	As Percent: 16.3%
District: 71	Compactness Value: 0.27	As Percent: 26.9%
District: 72	Compactness Value: 0.37	As Percent: 37.1%
District: 73	Compactness Value: 0.26	As Percent: 26.3%
District: 74	Compactness Value: 0.15	As Percent: 14.6%
District: 75	Compactness Value: 0.44	As Percent: 44.4%
District: 76	Compactness Value: 0.24	As Percent: 24.0%
District: 77	Compactness Value: 0.08	As Percent: 8.0%
District: 78	Compactness Value: 0.07	As Percent: 6.5%
District: 79	Compactness Value: 0.06	As Percent: 5.8%
District: 80	Compactness Value: 0.35	As Percent: 35.1%
District: 81	Compactness Value: 0.26	As Percent: 26.4%
District: 82	Compactness Value: 0.44	As Percent: 44.4%
District: 83	Compactness Value: 0.23	As Percent: 22.8%
District: 84	Compactness Value: 0.29	As Percent: 29.5%
District: 85	Compactness Value: 0.19	As Percent: 19.4%
District: 86	Compactness Value: 0.16	As Percent: 15.6%
District: 87	Compactness Value: 0.34	As Percent: 34.1%
District: 88	Compactness Value: 0.21	As Percent: 21.4%
District: 89	Compactness Value: 0.19	As Percent: 18.8%
District: 90	Compactness Value: 0.22	As Percent: 21.9%
District: 91	Compactness Value: 0.07	As Percent: 7.2%
District: 92	Compactness Value: 0.40	As Percent: 40.3%
District: 93	Compactness Value: 0.18	As Percent: 17.6%
District: 94	Compactness Value: 0.23	As Percent: 22.8%
District: 95	Compactness Value: 0.09	As Percent: 8.6%
District: 96	Compactness Value: 0.35	As Percent: 35.3%
District: 97	Compactness Value: 0.25	As Percent: 24.5%
District: 98	Compactness Value: 0.28	As Percent: 28.5%
District: 99	Compactness Value: 0.31	As Percent: 30.9%



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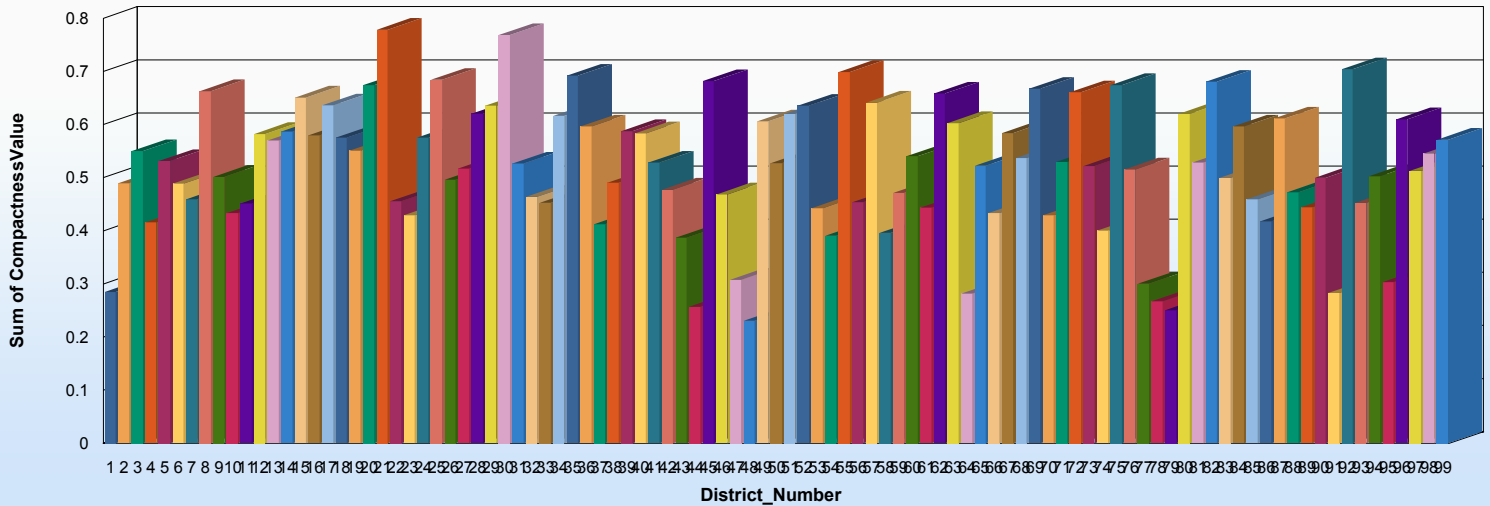
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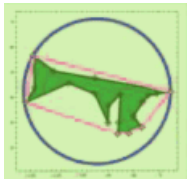
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## Compactness Measure:

Circumference of an equal area circle divided by the perimeter of the district



District:	1	Compactness Value:	0.28	As Percent:	28.5%
District:	2	Compactness Value:	0.49	As Percent:	49.0%
District:	3	Compactness Value:	0.55	As Percent:	55.0%
District:	4	Compactness Value:	0.42	As Percent:	41.6%
District:	5	Compactness Value:	0.53	As Percent:	53.2%
District:	6	Compactness Value:	0.49	As Percent:	48.9%
District:	7	Compactness Value:	0.46	As Percent:	45.9%
District:	8	Compactness Value:	0.66	As Percent:	66.3%
District:	9	Compactness Value:	0.50	As Percent:	50.2%
District:	10	Compactness Value:	0.43	As Percent:	43.3%
District:	11	Compactness Value:	0.45	As Percent:	45.2%
District:	12	Compactness Value:	0.58	As Percent:	58.2%
District:	13	Compactness Value:	0.57	As Percent:	57.0%
District:	14	Compactness Value:	0.59	As Percent:	58.7%
District:	15	Compactness Value:	0.65	As Percent:	65.1%
District:	16	Compactness Value:	0.58	As Percent:	58.0%
District:	17	Compactness Value:	0.64	As Percent:	63.6%
District:	18	Compactness Value:	0.58	As Percent:	57.5%
District:	19	Compactness Value:	0.55	As Percent:	55.1%
District:	20	Compactness Value:	0.67	As Percent:	67.4%
District:	21	Compactness Value:	0.78	As Percent:	77.9%
District:	22	Compactness Value:	0.46	As Percent:	45.5%
District:	23	Compactness Value:	0.43	As Percent:	42.9%
District:	24	Compactness Value:	0.58	As Percent:	57.6%
District:	25	Compactness Value:	0.68	As Percent:	68.4%
District:	26	Compactness Value:	0.50	As Percent:	49.6%



# Compactness Analysis Report

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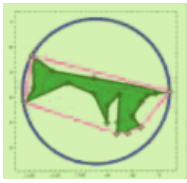
Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

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District:	27	Compactness Value:	0.52	As Percent:	51.7%
District:	28	Compactness Value:	0.62	As Percent:	62.1%
District:	29	Compactness Value:	0.64	As Percent:	63.6%
District:	30	Compactness Value:	0.77	As Percent:	76.8%
District:	31	Compactness Value:	0.53	As Percent:	52.7%
District:	32	Compactness Value:	0.46	As Percent:	46.4%
District:	33	Compactness Value:	0.45	As Percent:	45.3%
District:	34	Compactness Value:	0.62	As Percent:	61.6%
District:	35	Compactness Value:	0.69	As Percent:	69.2%
District:	36	Compactness Value:	0.60	As Percent:	59.7%
District:	37	Compactness Value:	0.41	As Percent:	41.2%
District:	38	Compactness Value:	0.49	As Percent:	49.0%
District:	39	Compactness Value:	0.59	As Percent:	58.8%
District:	40	Compactness Value:	0.58	As Percent:	58.4%
District:	41	Compactness Value:	0.53	As Percent:	52.9%
District:	42	Compactness Value:	0.48	As Percent:	47.8%
District:	43	Compactness Value:	0.39	As Percent:	38.7%
District:	44	Compactness Value:	0.26	As Percent:	25.7%
District:	45	Compactness Value:	0.68	As Percent:	68.2%
District:	46	Compactness Value:	0.47	As Percent:	46.9%
District:	47	Compactness Value:	0.31	As Percent:	30.8%
District:	48	Compactness Value:	0.23	As Percent:	23.0%
District:	49	Compactness Value:	0.61	As Percent:	60.6%
District:	50	Compactness Value:	0.53	As Percent:	52.7%
District:	51	Compactness Value:	0.62	As Percent:	62.0%
District:	52	Compactness Value:	0.64	As Percent:	63.5%
District:	53	Compactness Value:	0.44	As Percent:	44.3%
District:	54	Compactness Value:	0.39	As Percent:	39.1%
District:	55	Compactness Value:	0.70	As Percent:	69.9%
District:	56	Compactness Value:	0.45	As Percent:	45.4%
District:	57	Compactness Value:	0.64	As Percent:	64.1%
District:	58	Compactness Value:	0.40	As Percent:	39.6%
District:	59	Compactness Value:	0.47	As Percent:	47.1%
District:	60	Compactness Value:	0.54	As Percent:	54.0%
District:	61	Compactness Value:	0.44	As Percent:	44.3%
District:	62	Compactness Value:	0.66	As Percent:	65.9%
District:	63	Compactness Value:	0.60	As Percent:	60.3%
District:	64	Compactness Value:	0.28	As Percent:	28.2%
District:	65	Compactness Value:	0.52	As Percent:	52.2%
District:	66	Compactness Value:	0.43	As Percent:	43.3%
District:	67	Compactness Value:	0.58	As Percent:	58.4%
District:	68	Compactness Value:	0.54	As Percent:	53.7%
District:	69	Compactness Value:	0.67	As Percent:	66.7%
District:	70	Compactness Value:	0.43	As Percent:	42.9%



# Compactness Analysis Report

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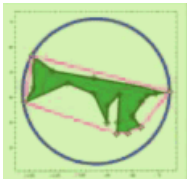
Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

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2

District: 71	Compactness Value: 0.53	As Percent: 52.9%
District: 72	Compactness Value: 0.66	As Percent: 66.1%
District: 73	Compactness Value: 0.52	As Percent: 52.2%
District: 74	Compactness Value: 0.40	As Percent: 40.0%
District: 75	Compactness Value: 0.67	As Percent: 67.4%
District: 76	Compactness Value: 0.52	As Percent: 51.6%
District: 77	Compactness Value: 0.30	As Percent: 30.0%
District: 78	Compactness Value: 0.27	As Percent: 26.7%
District: 79	Compactness Value: 0.25	As Percent: 25.1%
District: 80	Compactness Value: 0.62	As Percent: 62.0%
District: 81	Compactness Value: 0.53	As Percent: 52.8%
District: 82	Compactness Value: 0.68	As Percent: 68.1%
District: 83	Compactness Value: 0.50	As Percent: 49.9%
District: 84	Compactness Value: 0.60	As Percent: 59.6%
District: 85	Compactness Value: 0.46	As Percent: 45.9%
District: 86	Compactness Value: 0.42	As Percent: 41.8%
District: 87	Compactness Value: 0.61	As Percent: 61.1%
District: 88	Compactness Value: 0.47	As Percent: 47.3%
District: 89	Compactness Value: 0.44	As Percent: 44.4%
District: 90	Compactness Value: 0.50	As Percent: 50.0%
District: 91	Compactness Value: 0.28	As Percent: 28.3%
District: 92	Compactness Value: 0.70	As Percent: 70.4%
District: 93	Compactness Value: 0.45	As Percent: 45.3%
District: 94	Compactness Value: 0.50	As Percent: 50.3%
District: 95	Compactness Value: 0.30	As Percent: 30.4%
District: 96	Compactness Value: 0.61	As Percent: 61.0%
District: 97	Compactness Value: 0.51	As Percent: 51.3%
District: 98	Compactness Value: 0.55	As Percent: 54.5%
District: 99	Compactness Value: 0.57	As Percent: 57.1%



# Compactness Analysis Report

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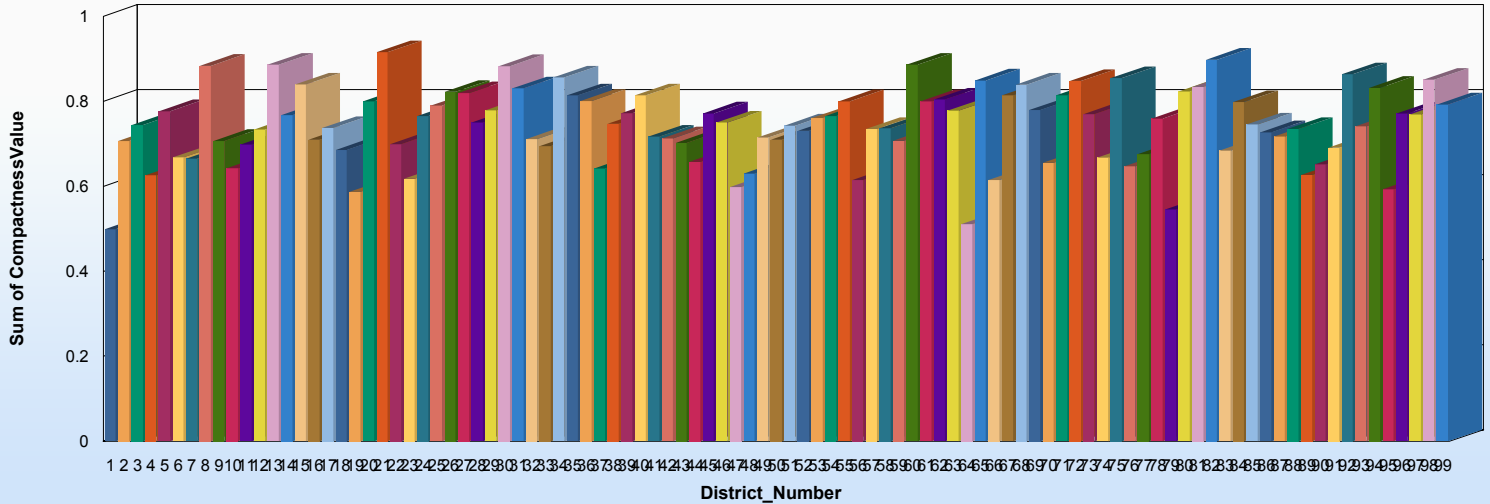
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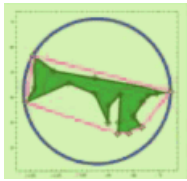
## Compactness Measure:

District area divided by the area of the district's Convex Hull. This method is also known as the Schwartzberg test.



District:	1	Compactness Value:	0.50	As Percent:	49.9%
District:	2	Compactness Value:	0.71	As Percent:	70.7%
District:	3	Compactness Value:	0.74	As Percent:	74.4%
District:	4	Compactness Value:	0.63	As Percent:	62.6%
District:	5	Compactness Value:	0.78	As Percent:	77.7%
District:	6	Compactness Value:	0.67	As Percent:	66.8%
District:	7	Compactness Value:	0.67	As Percent:	66.5%
District:	8	Compactness Value:	0.88	As Percent:	88.4%
District:	9	Compactness Value:	0.71	As Percent:	70.7%
District:	10	Compactness Value:	0.64	As Percent:	64.3%
District:	11	Compactness Value:	0.70	As Percent:	69.8%
District:	12	Compactness Value:	0.73	As Percent:	73.4%
District:	13	Compactness Value:	0.89	As Percent:	88.6%
District:	14	Compactness Value:	0.77	As Percent:	76.8%
District:	15	Compactness Value:	0.84	As Percent:	84.0%
District:	16	Compactness Value:	0.71	As Percent:	71.0%
District:	17	Compactness Value:	0.74	As Percent:	73.7%
District:	18	Compactness Value:	0.69	As Percent:	68.6%
District:	19	Compactness Value:	0.59	As Percent:	58.7%
District:	20	Compactness Value:	0.80	As Percent:	80.0%
District:	21	Compactness Value:	0.92	As Percent:	91.6%
District:	22	Compactness Value:	0.70	As Percent:	69.9%
District:	23	Compactness Value:	0.62	As Percent:	61.7%
District:	24	Compactness Value:	0.77	As Percent:	76.5%
District:	25	Compactness Value:	0.79	As Percent:	79.0%
District:	26	Compactness Value:	0.82	As Percent:	82.2%





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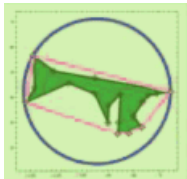
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District:	27	Compactness Value:	0.82	As Percent:	81.9%
District:	28	Compactness Value:	0.75	As Percent:	75.0%
District:	29	Compactness Value:	0.78	As Percent:	77.9%
District:	30	Compactness Value:	0.88	As Percent:	88.3%
District:	31	Compactness Value:	0.83	As Percent:	83.1%
District:	32	Compactness Value:	0.71	As Percent:	71.1%
District:	33	Compactness Value:	0.69	As Percent:	69.5%
District:	34	Compactness Value:	0.86	As Percent:	85.6%
District:	35	Compactness Value:	0.81	As Percent:	81.4%
District:	36	Compactness Value:	0.80	As Percent:	80.1%
District:	37	Compactness Value:	0.64	As Percent:	64.2%
District:	38	Compactness Value:	0.75	As Percent:	74.7%
District:	39	Compactness Value:	0.77	As Percent:	77.2%
District:	40	Compactness Value:	0.81	As Percent:	81.4%
District:	41	Compactness Value:	0.72	As Percent:	71.7%
District:	42	Compactness Value:	0.71	As Percent:	71.3%
District:	43	Compactness Value:	0.70	As Percent:	70.2%
District:	44	Compactness Value:	0.66	As Percent:	65.8%
District:	45	Compactness Value:	0.77	As Percent:	77.1%
District:	46	Compactness Value:	0.75	As Percent:	75.0%
District:	47	Compactness Value:	0.60	As Percent:	59.8%
District:	48	Compactness Value:	0.63	As Percent:	63.0%
District:	49	Compactness Value:	0.71	As Percent:	71.5%
District:	50	Compactness Value:	0.71	As Percent:	71.0%
District:	51	Compactness Value:	0.74	As Percent:	74.3%
District:	52	Compactness Value:	0.73	As Percent:	73.0%
District:	53	Compactness Value:	0.76	As Percent:	76.0%
District:	54	Compactness Value:	0.77	As Percent:	76.5%
District:	55	Compactness Value:	0.80	As Percent:	80.0%
District:	56	Compactness Value:	0.61	As Percent:	61.5%
District:	57	Compactness Value:	0.73	As Percent:	73.5%
District:	58	Compactness Value:	0.74	As Percent:	73.7%
District:	59	Compactness Value:	0.71	As Percent:	70.8%
District:	60	Compactness Value:	0.89	As Percent:	88.6%
District:	61	Compactness Value:	0.80	As Percent:	80.0%
District:	62	Compactness Value:	0.80	As Percent:	80.4%
District:	63	Compactness Value:	0.78	As Percent:	77.8%
District:	64	Compactness Value:	0.51	As Percent:	51.1%
District:	65	Compactness Value:	0.85	As Percent:	84.9%
District:	66	Compactness Value:	0.61	As Percent:	61.5%
District:	67	Compactness Value:	0.81	As Percent:	81.4%
District:	68	Compactness Value:	0.84	As Percent:	83.9%
District:	69	Compactness Value:	0.78	As Percent:	77.9%
District:	70	Compactness Value:	0.66	As Percent:	65.5%





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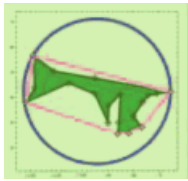
Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

Plan Last Edited on: 12/10/2011 1:32:33 PM

**Confidential**

2

District:	71	Compactness Value:	0.81	As Percent:	81.4%
District:	72	Compactness Value:	0.85	As Percent:	84.8%
District:	73	Compactness Value:	0.77	As Percent:	77.0%
District:	74	Compactness Value:	0.67	As Percent:	66.7%
District:	75	Compactness Value:	0.85	As Percent:	85.5%
District:	76	Compactness Value:	0.65	As Percent:	64.7%
District:	77	Compactness Value:	0.68	As Percent:	67.6%
District:	78	Compactness Value:	0.76	As Percent:	76.0%
District:	79	Compactness Value:	0.55	As Percent:	54.5%
District:	80	Compactness Value:	0.82	As Percent:	82.3%
District:	81	Compactness Value:	0.83	As Percent:	83.4%
District:	82	Compactness Value:	0.90	As Percent:	89.8%
District:	83	Compactness Value:	0.68	As Percent:	68.4%
District:	84	Compactness Value:	0.80	As Percent:	79.8%
District:	85	Compactness Value:	0.75	As Percent:	74.6%
District:	86	Compactness Value:	0.73	As Percent:	72.7%
District:	87	Compactness Value:	0.72	As Percent:	71.7%
District:	88	Compactness Value:	0.74	As Percent:	73.5%
District:	89	Compactness Value:	0.63	As Percent:	62.7%
District:	90	Compactness Value:	0.65	As Percent:	65.2%
District:	91	Compactness Value:	0.69	As Percent:	69.1%
District:	92	Compactness Value:	0.86	As Percent:	86.4%
District:	93	Compactness Value:	0.74	As Percent:	74.1%
District:	94	Compactness Value:	0.83	As Percent:	83.2%
District:	95	Compactness Value:	0.59	As Percent:	59.3%
District:	96	Compactness Value:	0.77	As Percent:	77.1%
District:	97	Compactness Value:	0.77	As Percent:	76.9%
District:	98	Compactness Value:	0.85	As Percent:	85.1%
District:	99	Compactness Value:	0.79	As Percent:	79.3%



# Compactness Analysis Report

12/10/2011

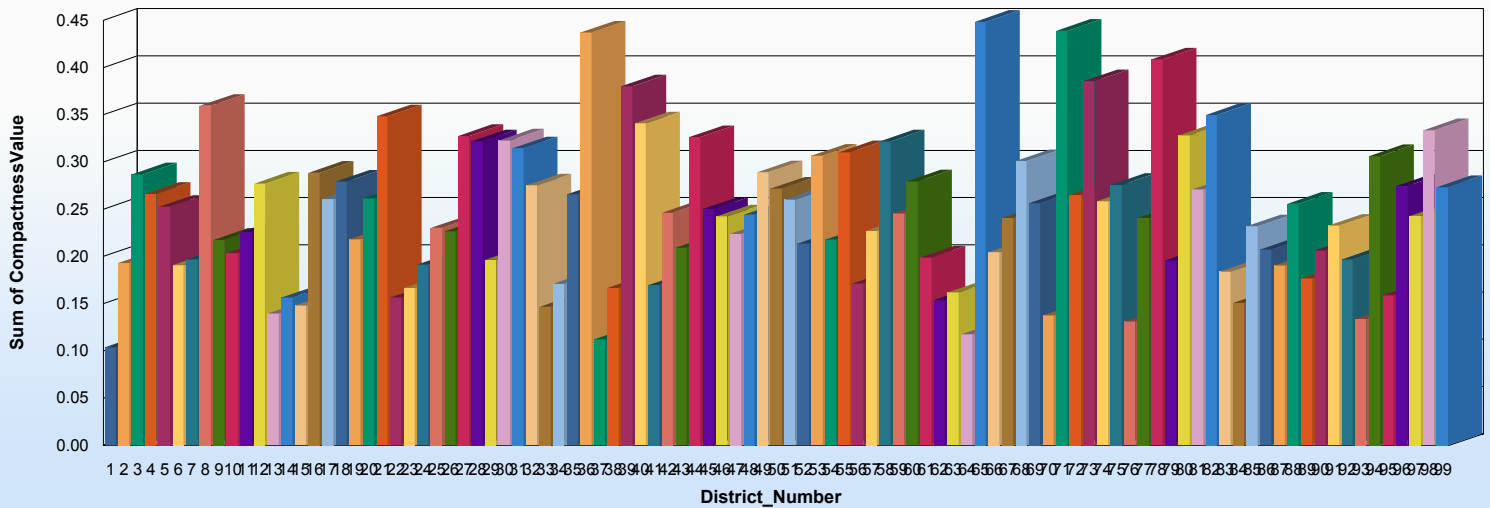
Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

Plan Last Edited on: 12/10/2011 1:32:33 PM

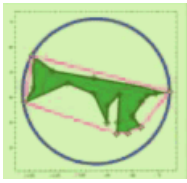
**Confidential**

## Compactness Measure:

District area divided by the area of the minimum circle bounding the district. This method is also known as the Roeck or Ehrenberg test.



District:	1	Compactness Value:	0.10	As Percent:	10.4%
District:	2	Compactness Value:	0.19	As Percent:	19.3%
District:	3	Compactness Value:	0.29	As Percent:	28.7%
District:	4	Compactness Value:	0.27	As Percent:	26.6%
District:	5	Compactness Value:	0.25	As Percent:	25.3%
District:	6	Compactness Value:	0.19	As Percent:	19.1%
District:	7	Compactness Value:	0.20	As Percent:	19.7%
District:	8	Compactness Value:	0.36	As Percent:	36.0%
District:	9	Compactness Value:	0.22	As Percent:	21.8%
District:	10	Compactness Value:	0.20	As Percent:	20.4%
District:	11	Compactness Value:	0.23	As Percent:	22.6%
District:	12	Compactness Value:	0.28	As Percent:	27.7%
District:	13	Compactness Value:	0.14	As Percent:	13.9%
District:	14	Compactness Value:	0.16	As Percent:	15.7%
District:	15	Compactness Value:	0.15	As Percent:	14.8%
District:	16	Compactness Value:	0.29	As Percent:	28.9%
District:	17	Compactness Value:	0.26	As Percent:	26.1%
District:	18	Compactness Value:	0.28	As Percent:	27.9%
District:	19	Compactness Value:	0.22	As Percent:	21.8%
District:	20	Compactness Value:	0.26	As Percent:	26.1%
District:	21	Compactness Value:	0.35	As Percent:	34.8%
District:	22	Compactness Value:	0.16	As Percent:	15.6%
District:	23	Compactness Value:	0.17	As Percent:	16.7%
District:	24	Compactness Value:	0.19	As Percent:	19.1%
District:	25	Compactness Value:	0.23	As Percent:	23.0%
District:	26	Compactness Value:	0.23	As Percent:	22.6%



# Compactness Analysis Report

12/10/2011

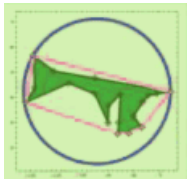
Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

Plan Last Edited on: 12/10/2011 1:32:33 PM

**Confidential**

2

District:	27	Compactness Value:	0.33	As Percent:	32.8%
District:	28	Compactness Value:	0.32	As Percent:	32.2%
District:	29	Compactness Value:	0.20	As Percent:	19.7%
District:	30	Compactness Value:	0.32	As Percent:	32.3%
District:	31	Compactness Value:	0.31	As Percent:	31.4%
District:	32	Compactness Value:	0.28	As Percent:	27.5%
District:	33	Compactness Value:	0.15	As Percent:	14.7%
District:	34	Compactness Value:	0.17	As Percent:	17.1%
District:	35	Compactness Value:	0.27	As Percent:	26.6%
District:	36	Compactness Value:	0.44	As Percent:	43.7%
District:	37	Compactness Value:	0.11	As Percent:	11.2%
District:	38	Compactness Value:	0.17	As Percent:	16.7%
District:	39	Compactness Value:	0.38	As Percent:	38.0%
District:	40	Compactness Value:	0.34	As Percent:	34.1%
District:	41	Compactness Value:	0.17	As Percent:	17.0%
District:	42	Compactness Value:	0.25	As Percent:	24.6%
District:	43	Compactness Value:	0.21	As Percent:	20.9%
District:	44	Compactness Value:	0.33	As Percent:	32.6%
District:	45	Compactness Value:	0.25	As Percent:	25.0%
District:	46	Compactness Value:	0.24	As Percent:	24.2%
District:	47	Compactness Value:	0.22	As Percent:	22.4%
District:	48	Compactness Value:	0.24	As Percent:	24.4%
District:	49	Compactness Value:	0.29	As Percent:	28.9%
District:	50	Compactness Value:	0.27	As Percent:	27.2%
District:	51	Compactness Value:	0.26	As Percent:	26.0%
District:	52	Compactness Value:	0.21	As Percent:	21.4%
District:	53	Compactness Value:	0.31	As Percent:	30.7%
District:	54	Compactness Value:	0.22	As Percent:	21.8%
District:	55	Compactness Value:	0.31	As Percent:	31.0%
District:	56	Compactness Value:	0.17	As Percent:	17.1%
District:	57	Compactness Value:	0.23	As Percent:	22.7%
District:	58	Compactness Value:	0.32	As Percent:	32.2%
District:	59	Compactness Value:	0.25	As Percent:	24.5%
District:	60	Compactness Value:	0.28	As Percent:	27.9%
District:	61	Compactness Value:	0.20	As Percent:	19.9%
District:	62	Compactness Value:	0.15	As Percent:	15.4%
District:	63	Compactness Value:	0.16	As Percent:	16.2%
District:	64	Compactness Value:	0.12	As Percent:	11.7%
District:	65	Compactness Value:	0.45	As Percent:	44.8%
District:	66	Compactness Value:	0.20	As Percent:	20.4%
District:	67	Compactness Value:	0.24	As Percent:	24.1%
District:	68	Compactness Value:	0.30	As Percent:	30.1%
District:	69	Compactness Value:	0.26	As Percent:	25.6%
District:	70	Compactness Value:	0.14	As Percent:	13.7%



# Compactness Analysis Report

12/10/2011

Plan Name: Workspace: Assembly>>GOP\_2266\_Assembly as amended AD 8

Plan Last Edited on: 12/10/2011 1:32:33 PM

**Confidential**

2

District: 71	Compactness Value: 0.44	As Percent: 43.9%
District: 72	Compactness Value: 0.27	As Percent: 26.5%
District: 73	Compactness Value: 0.39	As Percent: 38.6%
District: 74	Compactness Value: 0.26	As Percent: 25.9%
District: 75	Compactness Value: 0.28	As Percent: 27.6%
District: 76	Compactness Value: 0.13	As Percent: 13.1%
District: 77	Compactness Value: 0.24	As Percent: 24.1%
District: 78	Compactness Value: 0.41	As Percent: 40.9%
District: 79	Compactness Value: 0.20	As Percent: 19.6%
District: 80	Compactness Value: 0.33	As Percent: 32.8%
District: 81	Compactness Value: 0.27	As Percent: 27.1%
District: 82	Compactness Value: 0.35	As Percent: 35.0%
District: 83	Compactness Value: 0.18	As Percent: 18.4%
District: 84	Compactness Value: 0.15	As Percent: 15.1%
District: 85	Compactness Value: 0.23	As Percent: 23.2%
District: 86	Compactness Value: 0.21	As Percent: 20.7%
District: 87	Compactness Value: 0.19	As Percent: 19.0%
District: 88	Compactness Value: 0.26	As Percent: 25.6%
District: 89	Compactness Value: 0.18	As Percent: 17.7%
District: 90	Compactness Value: 0.21	As Percent: 20.6%
District: 91	Compactness Value: 0.23	As Percent: 23.3%
District: 92	Compactness Value: 0.20	As Percent: 19.7%
District: 93	Compactness Value: 0.13	As Percent: 13.4%
District: 94	Compactness Value: 0.31	As Percent: 30.6%
District: 95	Compactness Value: 0.16	As Percent: 15.9%
District: 96	Compactness Value: 0.27	As Percent: 27.4%
District: 97	Compactness Value: 0.24	As Percent: 24.3%
District: 98	Compactness Value: 0.33	As Percent: 33.4%
District: 99	Compactness Value: 0.27	As Percent: 27.3%

**Total Perimeter for all Districts 50,802.97 Miles**